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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/786,405	02/26/2004	Moon-Heui Lee	46346	4007

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ROYLANCE, ABRAMS, BERDO & GOODMAN, L.L.P.
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WASHINGTON,, DC 20036

EXAMINER

LAFORGIA, CHRISTIAN A

ART UNIT	PAPER NUMBER
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2131

MAIL DATE	DELIVERY MODE
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05/14/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/786,405

Applicant(s)

LEE ET AL.

Examiner

Christian La Forgia

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 26 February 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-14 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-14 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 26 February 2004 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
- 1) ☒ Certified copies of the priority documents have been received.
 - 2) ☐ Certified copies of the priority documents have been received in Application No. _____.
 - 3) ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date 9/23/04; 5/11/06; 6/28/06
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

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DETAILED ACTION

1. Claims 1-14 have been presented for examination.

Priority

2. Acknowledgment is made of applicant's claim for foreign priority under 35

U.S.C. 119(a)-(d).

3. The Applicant is asked to provide a certified English translation of the Korean priority document to perfect the Applicant's claim of priority, in order to rule out the use of U.S. Patent Application Publication No. 2004/0147255 to Lee as an intervening reference. See MPEP § 1870; see MPEP § 1895.01.

Information Disclosure Statement

4. The information disclosure statements (IDS) submitted on 23 September 2004, 11 May 2006, and 28 June 2006 are in compliance with the provisions of 37 CFR 1.97. Accordingly, the examiner has considered the information disclosure statements.

Drawings

5. Figures 1 and 7 should be designated by a legend such as --Prior Art-- because only that which is old is illustrated. See MPEP § 608.02(g). Corrected drawings in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. The replacement sheet(s) should be labeled "Replacement Sheet" in the page header (as per 37 CFR 1.84(c)) so as not to obstruct any portion of the drawing figures. If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Specification

6. The use of the trademark Bluetooth has been noted on at least page 8 of this application.

It should be capitalized wherever it appears and be accompanied by the generic terminology.

7. Although the use of trademarks is permissible in patent applications; the proprietary nature of the marks should be respected and every effort made to prevent their use in any manner which might adversely affect their validity as trademarks.

Claim Rejections - 35 USC § 102

8. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

9. Claims 1, 2, and 12-14 are rejected under 35 U.S.C. 102(b) as being anticipated by U.S. Patent Application Publication No. 2002/0106202 to Hunter, hereinafter Hunter.

10. As per claim 1, Hunter teaches a method for locking a camera (paragraph 0009, i.e. restricting the use of a camera) in a portable terminal (paragraph 0004, i.e. cameras embedded in mobile phones or watches), the portable terminal includes the camera for photographing an image, a memory for storing secret codes, an image processor for processing the photographed image, and a display unit for displaying the processed image, the method comprising the steps of:

receiving a secret code (paragraphs 0009, 0023, 0038, i.e. receiving a signal from a transmitter or data stored on a smart card);

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storing the secret code in the memory (paragraphs 0011, 0023, 0038, i.e. comparing the signal received to memory in order to decide whether to disable just flash or disable the camera altogether, data stored on a smart card); and

stopping an operation of the image processor (paragraphs 0011-0012, i.e. disabling the camera).

11. As per claim 2, Hunter teaches a method for releasing a locked state of a camera (paragraph 0012, i.e. receive a signal re-enabling the camera's functions) in a portable terminal (paragraph 0004, i.e. cameras embedded in mobile phones or watches), the portable terminal includes the camera for photographing an image, a memory for storing secret codes, an image processor for processing the photographed image, and a display unit for displaying the processed image, the method comprising the steps of:

comparing an input secret code with one of the secret codes stored in the memory (paragraphs 0013, 0023, 0037, i.e. comparing the received signal to memory or swiping the smart card); and

enabling the image processor to operate when the input secret code matches one of the secret codes stored in the memory (paragraphs 0013, 0023, 0037, i.e. re-enable the camera functions).

12. As per claim 12, Hunter teaches a method for preventing a camera of a portable phone (paragraph 0004, i.e. cameras embedded in mobile phones) located in a cell of a base station from being operated, the method comprising the steps of:

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(1) the base station transmitting a camera locking signal to the portable terminal located in the cell of the base station to prevent the camera from being used (paragraph 0010, i.e. radio transmitters emitting periodic signals which disable the cameras functions); and

(2) the portable terminal receiving the camera locking signal and preventing the camera from operating (paragraphs 0011-0012, i.e. disabling the camera).

13. Regarding claim 13, Hunter teaches the base station periodically transmits the camera locking signal at a predetermined time interval (paragraphs 0010, 0012).

14. Regarding claim 14, Hunter teaches determining whether the portable terminal receives the camera locking signal (paragraphs 0017, 0018, i.e. receiving location information from the mobile device, said mobile device being locked in response to certain locations); and

preventing an image processor of the portable phone from being operated to process a photographed image for a predetermined time period when the portable terminal receives the camera locking signal (paragraph 0012, i.e. disable one or more functions of the camera for two seconds).

Claim Rejections - 35 USC § 103

15. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

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16. Claims 3-11 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hunter in view of U.S. Patent Application Publication No. 2003/0008662 to Stern et al., hereinafter Stern.

17. As per claim 3, Hunter teaches a method for locking a camera in a portable terminal by means of a cipher apparatus connected to the portable terminal, the portable terminal includes the camera for photographing an image, a memory for storing secret codes, an image processor for processing the photographed image, and a display unit for displaying the processed image, the method comprising the steps of:

(2) the portable terminal receiving the data and stopping an operation of the camera (paragraphs 0011-0012, i.e. disabling the camera).

18. Hunter does not teach (1) the cipher apparatus receiving information from the portable terminal, establishing a secret code, and transmitting enciphered data; and (3) the cipher apparatus receiving information reporting a locked state of the camera, and storing and displaying the secret code and a telephone number of the portable terminal.

19. Stern teaches the location policy server receiving information from the portable device and determining a policy for the mobile device based on location information and device information (Figure 3 [blocks 304, 306], paragraphs 0053-0056, 0058, 0059); determining whether the mobile device is adhering to the policy given to the mobile device (Figure 13 [blocks 1304, 1306, 1310], paragraphs 0060, 0082-0084, 104-108), and displaying pertinent information at the mobile device (Figures 5-7, paragraphs 0073-0075).

20. It would have been obvious to one of ordinary skill in the art at the time the invention was made to receive information from the portable terminal, establish a secret code, and transmitting enciphered data to the portable device; and receive information reporting a state of

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the camera, and storing and displaying the secret code and a telephone number of the portable terminal, since Stern states at paragraph 0006 that it allows the system to establish a policy based on the location and user device information thereby allowing high priority users to receive phone calls in dire situations, such as a doctor receiving emergency phone calls (see Stern, paragraphs 0054-0055).

21. Regarding claim 4, Hunter teaches wherein step (1) comprises the steps of:

the apparatus transmitting data obtained from the secret code (paragraphs 0009, 0023, 0038).

22. Stern teaches the apparatus requesting time information and the telephone number of the portable terminal (paragraphs 0012, 0053 i.e. determining user device information wherein the user device is a mobile phone, and the information could include time information as well as the telephone number);

the portable terminal transmitting the time information and the telephone number of the portable terminal (Figure 3 [blocks 304, 306], paragraphs 0053-0056, 0058, 0059);

the apparatus receiving the time information and the telephone number of the portable terminal, establishing the secret code, and enciphering the secret code by means of the time information (Figure 3 [blocks 304, 306], paragraphs 0053-0056, 0058, 0059).

23. Regarding claim 5, Hunter teaches wherein step (2) comprises the steps of:

storing the secret code in the memory of the portable terminal (paragraphs 0011, 0023, 0038, i.e. comparing the signal received to memory in order to decide whether to disable just flash or disable the camera altogether, data stored on a smart card); and

stopping an operation of the image processor (paragraphs 0011-0012, i.e. disabling the camera).

24. Regarding claim 6, Hunter teaches wherein data are exchanged through a cable to lock the camera of the portable terminal (paragraph 0043, i.e. an electrical contact).

25. Regarding claim 7, Hunter teaches wherein data are exchanged wirelessly, to lock the camera of the portable terminal (paragraph 0010, i.e. radio signals).

26. As per claim 8, Hunter teaches method for releasing a locked state of a camera in a portable terminal by means of a cipher apparatus connected to the portable terminal, the portable terminal includes the camera for photographing an image, a memory for storing secret codes, an image processor for processing the photographed image, and a display unit for displaying the processed image, the method comprising the steps of:

(3) the portable terminal receiving data, and comparing the secret code received from the cipher apparatus with one of the secret codes stored in the memory (paragraphs 0013, 0023, 0037, i.e. comparing the received signal to memory or swiping the smart card); and

(4) enabling the camera to operate when the secret code matches said one of the secret codes stored in the memory (paragraphs 0013, 0023, 0037, i.e. re-enable the camera functions); and

the apparatus transmitting data obtained from the secret code (paragraphs 0009, 0023, 0038).

27. Hunter does not teach enciphering the data, receiving information of the portable terminal, and obtaining a secret code for the locked state of the camera from a database.

28. Stern teaches receiving information regarding the mobile user device (paragraphs 0012, 0053) and finding a policy based on the device and location information in a database which is sent to the mobile device (Figures 3 [blocks 304, 306], 4 [blocks 800, 900], paragraphs 0053-0056, 0058, 0059).

29. It would have been obvious to one of ordinary skill in the art at the time the invention was made to encipher the data, receive information regarding the mobile device and obtaining a policy for the camera from a database, since Stern states at paragraph 0006 that it allows the system to establish a policy based on the location and user device information thereby allowing high priority users to receive phone calls in dire situations, such as a doctor receiving emergency phone calls (see Stern, paragraphs 0054-0055).

30. Regarding claim 9, Hunter teaches enabling the image processor to operate (paragraphs 0013, 0023, 0037); and

transmitting information reporting a released state of the camera to the cipher apparatus (paragraphs 0017, 0018).

31. Regarding claim 10, Hunter teaches wherein data is exchanged through a cable to release the locked state of the camera of the portable terminal (paragraph 0043, i.e. an electrical contact).

32. Regarding claim 11, Hunter teaches wherein data is exchanged wirelessly to release the locked state of the camera of the portable terminal (paragraph 0010, i.e. radio signals).

Conclusion

33. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Christian La Forgia whose telephone number is (571) 272-3792. The examiner can normally be reached on Monday thru Thursday 7-5.

34. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz Sheikh can be reached on (571) 272-3795. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

35. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Christian LaForgia

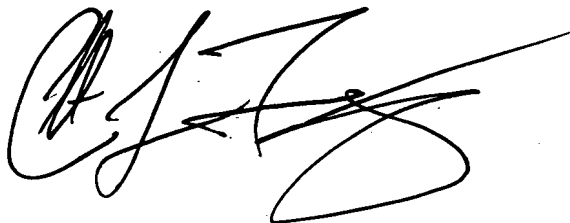
Application/Control Number: 10/786,405

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Patent Examiner
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